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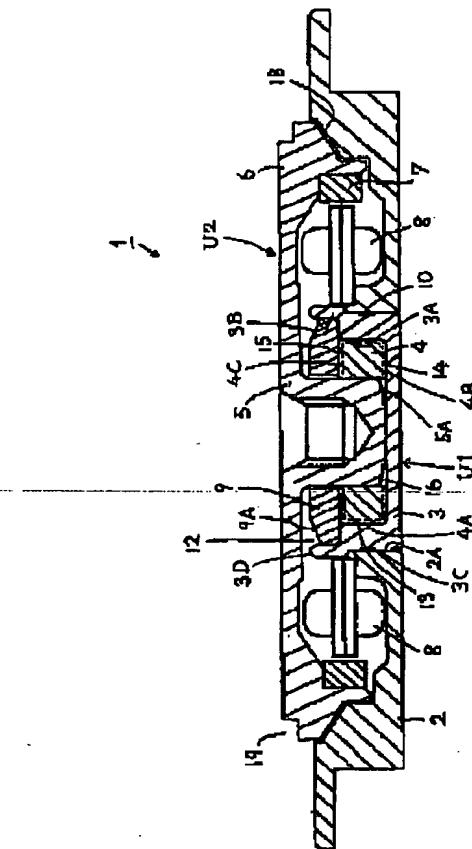
APPLICATION DATE : 12-02-99
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APPLICANT : SEIKO INSTRUMENTS INC.

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TITLE : SPINDLE MOTOR



ABSTRACT : PROBLEM TO BE SOLVED: To provide a spindle motor capable of eliminating need for discarding all components, even when failures occur and for increasing the number of components to be prepared for each model when changes in part of the components arise due to the diversification of specifications.

SOLUTION: A plurality of components forming this motor 1 are organized into units, which includes a base 2, a stator coil 8 disposed inside the base 2, a sleeve and bearing unit U1 formed by mounting a bearing part 4 inside a sleeve 3 mounted at the central part of the base 2, and a rotor unit U2 which includes a shaft part 5 fixed to the bearing part 4 and is formed by mounting a rotor magnet 7 facing the stator coil 8 on the inner periphery side. The utilization permits failures to be addressed by removing only an affected unit, so that cost reduction can be anticipated.

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